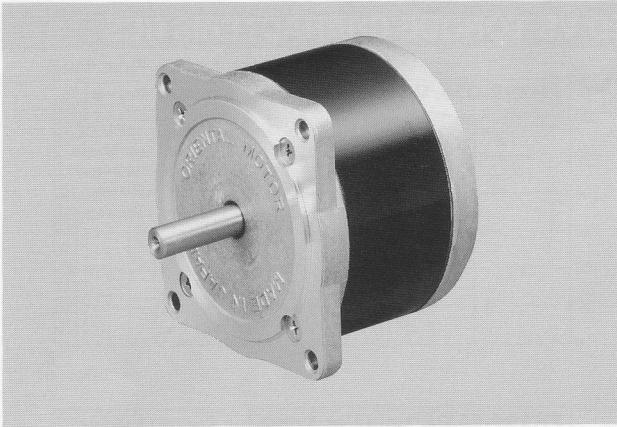
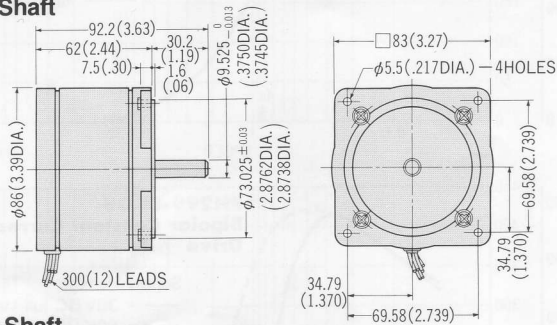


## 1.8° STEP ANGLE STANDARD TYPE

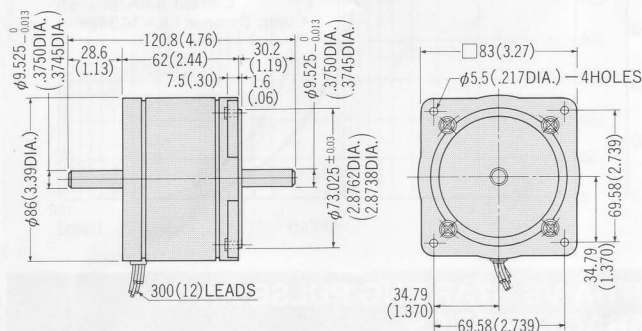


### DIMENSIONS scale 1:4, unit = mm (inch)

#### Single Shaft

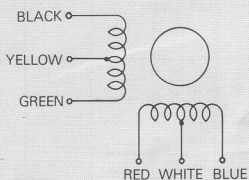


#### Double Shaft

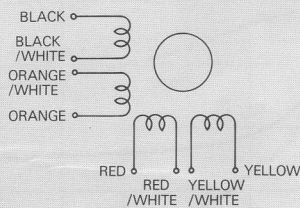


### WINDINGS & LEAD WIRE COLORS

#### 6 leads



#### 8 leads



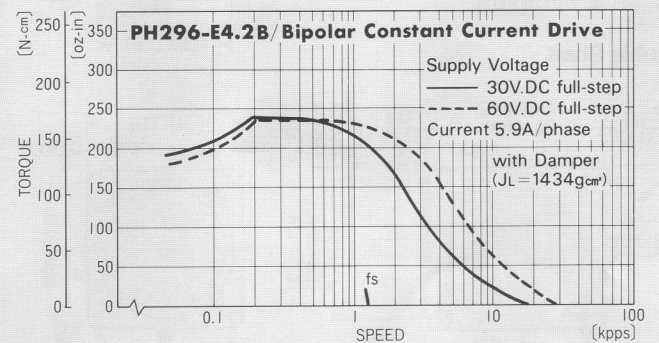
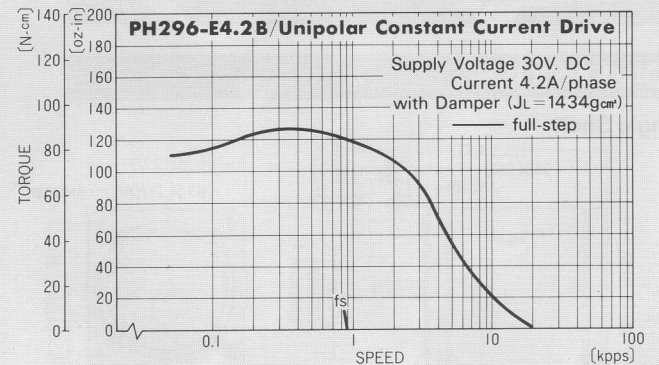
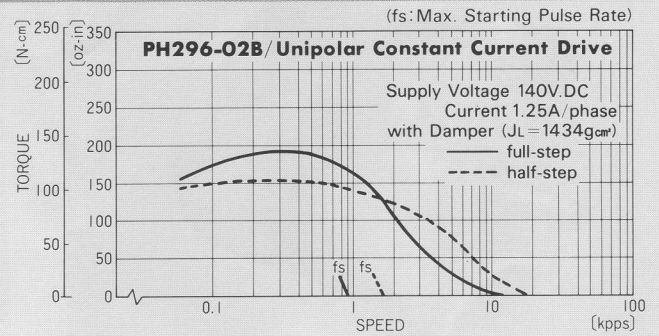
### SPECIFICATIONS (2-phase full-step)

Motor type		Voltage V.DC	Current per phase A/phase	Holding Torque		Resistance per phase ohm/phase (winding)	Inductance per phase mH/phase (winding)	Number of Leads
Single Shaft	Double Shaft			OZ-in	N-cm			
PH296-01	PH296-01B	1.8	4.5	174	123	0.4	1.4	6
PH296-02	PH296-02B	5.5	1.25	174	123	4.4	14	6
PH296-03	PH296-03B	14	0.7	174	123	20	60	6
PH296-E4.2	PH296-E4.2B	1.9	4.2*1	174	123	(0.46)	—	8

● Rotor Inertia 3.1 OZ-in<sup>2</sup> (560g-cm<sup>2</sup>) ● Weight 3.3 lbs (1.5kg) \*1: Unipolar \*2: Bipolar

## PH296-□□□

### SPEED VS TORQUE CHARACTERISTICS



### INERTIA VS STARTING PULSE RATE CHARACTERISTICS

